With the introduction of sophisticated components and digital signal processing, there are multitudes of connection options available. Each option provides you with the opportunity to experience amazing video and audio performance like never before. It's really about what kind of cable matches your component and hook-up scenario. The Best options provide both a digital video and digital audio signal through a single cable. Better connection options require independent cables to provide a digital video signal or an audio signal. And good connection options offer you the best of an analog signal delivery.

PERFORMANCE SERIES
DIGITAL HOME THEATER HOOK-UP GUIDE

You've invested wisely in today's digital high definition video components and multi-channel digital audio components. Get the most out of your investment with a hook-up solution tailored to your entertainment and performance expectations.

1. Identify which components you want to connect and what kinds of inputs and outputs each component offers.
2. Determine the level of connection you prefer and select the cables you need from the illustration below.
3. Install the cables.
4. Remember, you need to have both an audio and a video signal running from each component.

AUDIO/VIDEO — BEST

HDMI

Carries digital audio and video signals for the best signal integrity and performance.

APO85 6 ft. (1.8 m)
APO86 12 ft. (3.6 m)

A/V RECEIVER • HDTV • HDTV TUNER
HDTV CABLE BOX • HD DVD PLAYER
SATELLITE RECEIVER

DVI adapter available to convert inputs/outputs. See specialty solutions.

AUDIO/VIDEO — BEST

IEEE1394 FIREWIRE®

Provides high-speed digital audio and video signals and data transfer.

4 pin to 4 pin	AP403	6 ft. (1.8m)
	AP404	15 ft. (4.5m)
6 pin to 6 pin	AP409	6 ft. (1.8m)
	AP410	15 ft. (4.5m)
4 pin to 6 pin	AP406	6 ft. (1.8m)

A/V RECEIVER • HDTV
HDTV TUNER • HD DVD PLAYER
HDTV CABLE BOX
SATELLITE RECEIVER

VIDEO — BEST

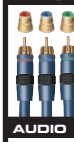
DVI

Carries digital video signal. Supports high-definition video formats (HDTV) including 720P and 1080i.

APO87 6 ft. (1.8 m)
APO88 12 ft. (3.6 m)

A/V RECEIVER • HDTV
HDTV TUNER • HD DVD PLAYER
HDTV CABLE BOX
SATELLITE RECEIVER

VIDEO — BETTER



COMPONENT VIDEO

Carries video signal over three individual paths for best picture quality.

APO90 3 ft. (0.9 m)
APO91 6 ft. (1.8 m)
APO92 12 ft. (3.6 m)

A/V RECEIVER • HDTV • DVD
HDTV CABLE BOX
SATELLITE RECEIVER

AUDIO — BEST

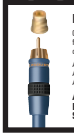
DIGITAL OPTICAL AUDIO

Carries digital audio signal as light.

APO80 3 ft. (0.9 m)
APO81 6 ft. (1.8 m)
APO82 12 ft. (3.6 m)

A/V RECEIVER • HDTV • DVD
HDTV CABLE BOX
SATELLITE RECEIVER • CD

AUDIO — BETTER



DIGITAL COAX AUDIO

Carries digital audio signal through oxygen-free copper center connector with two layers of shielding for improved performance.

APO70 3 ft. (0.9 m)
APO71 6 ft. (1.8 m)
APO72 12 ft. (3.6 m)

A/V RECEIVER • HDTV • DVD
HDTV CABLE BOX
SATELLITE RECEIVER • CD

KEY

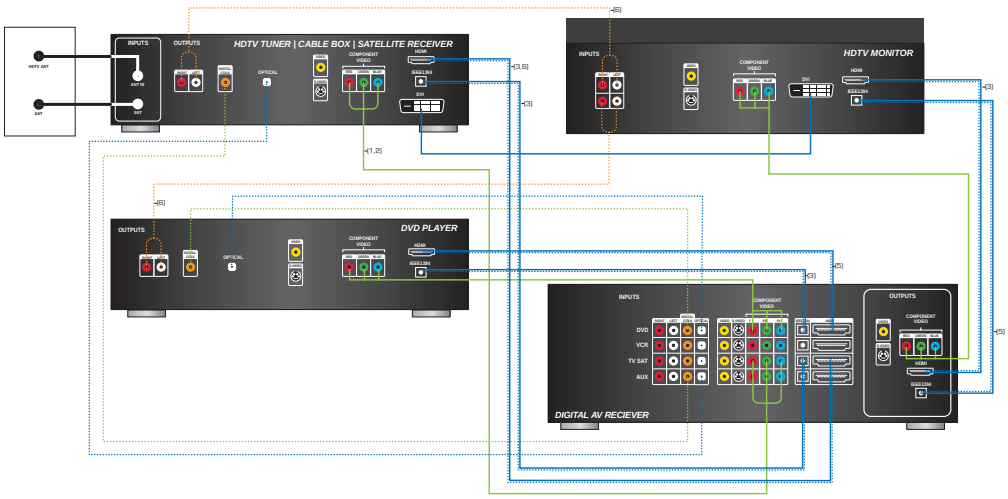
Select the level of connection(s) you prefer (best, better, good) to create a video and audio connection between each component. This hook-up guide represents virtually all possible audio and video connections, utilizing different performance cables. You will need one audio and video connection between components. Choose your connections based on desired performance of your home theater.

See other side for surround sound speaker connections.

BEST CONNECTIONS
- HDMI, FIREWIRE
- DVI CABLE
- DIGITAL OPTICAL AUDIO CABLE

BETTER CONNECTIONS
- COMPONENT VIDEO
- DIGITAL COAX AUDIO CABLE

GOOD CONNECTIONS
- STEREO AUDIO CABLE



AUDIO — GOOD

STEREO AUDIO

Carries stereo audio signal for best sound quality.

APO30 3 ft. (0.9 m)
APO31 6 ft. (1.8 m)
APO32 12 ft. (3.6 m)

A/V RECEIVER • HDTV
DVD • VCR
HDTV CABLE BOX
SATELLITE RECEIVER

SPECIALTY

5.1 DIGITAL AUDIO CABLE

Carries six surround sound audio channels (front left, front right, rear left, rear right, center and a subwoofer) on 6 individual cables for best signal transfer and audio reproduction.

Allows for separate amplification of individual channels.

APO36 6 ft. (1.8 m)

IDEAL FOR HOOKING UP A SACD OR DVDA PLAYER TO AN A/V RECEIVER.

Footnotes

(1) DVI and Component Video cables carry video signal only. You will need a separate audio connection such as Digital Coax, Digital Optical, 5.1 Digital Audio when available) or Analog Stereo Audio (left and right) to complete your hookup.

(2) Component Video is the best analog video connection available. The video signal is carried on three individual paths to help ensure integrity of the signal for best picture reproduction. Use this cable when the digital HDMI or DVI connections are not available.

(3) A limited number of A/V receivers includes HDMI inputs and outputs. If your receiver does not have this connection, use Component Video cable to carry video signal from the video source, such as a DVD player or Cable/Satellite Receiver, to your A/V receiver. You will also need a separate audio connection such as Digital Coax or Digital Optical. If your TV supports the HDMI connection, you can run HDMI cable straight to your TV. This will however prevent you from being able to use the A/V Receiver to switch between components.

(4) The Analog Stereo Audio (left and right) does not carry digital surround sound. You must use either a Digital Coax or Digital Optical audio cable from your audio source (a DVD player or a Cable/Satellite Receiver for example) in order to be able to transfer digital surround sound audio signals to your A/V Receiver.

(5) If your components support IEEE 1394 FireWire® connections, you can use this connection instead of HDMI. Both HDMI and FireWire® carry digital audio and video data, and you will not need a separate audio connection.

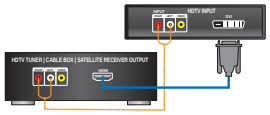
(6) In case when your HDTV has DVI inputs (not HDMI) and your components have HDMI outputs (not DVI), you can still utilize your HDMI outputs on your components and connect to DVI inputs on your HDTV via HDMI-to-DVI Adapter. Note, DVI carries only the video signal, therefore if you want sound to come out directly from your HDTV, you will need to run a separate analog stereo audio cable from your components to your HDTV.

SPECIALTY

HDMI TO DVI ADAPTER

Converts HDMI connector to be used with DVI inputs/outputs.

APO88

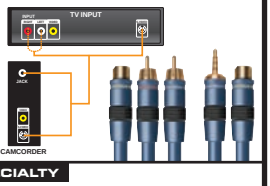


SPECIALTY

S-VIDEO CAMCORDER CABLE
MINI A/V PLUG TO RCA AUDIO AND S-VIDEO

For hooking up a camcorder or a portable DVD player to a TV or A/V receiver.

APO29 6 ft. (1.8 m)

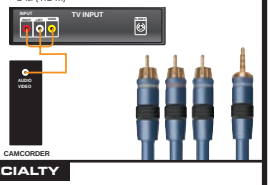


SPECIALTY

COMPOSITE VIDEO CAMCORDER CABLE
MINI A/V PLUG TO RCA AUDIO AND VIDEO

For hooking up a camcorder or a portable DVD player to a TV, an A/V receiver or a VCR.

APO26 6 ft. (1.8 m)



SPECIALTY

IEEE1394 FIREWIRE® CAMCORDER CABLE
4 PIN TO 6 PIN CONNECTION

For hooking up a digital camcorder to a TV or a computer.

APO06 6 ft. (1.8 m)

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PERFORMANCE SERIES
HOME THEATER HOOK-UP GUIDE

Relaxed Installation… This hook-up represents virtually all possible audio and video connections, utilizing different performance cables. You will only need one audio and one video connection between components. Choose your connections based on desired performance.

1. Identify which components you would like to hook up.
2. Determine which cables you need from the illustration and cable descriptions.
3. Install cables based on each cable's instructions.

KEY

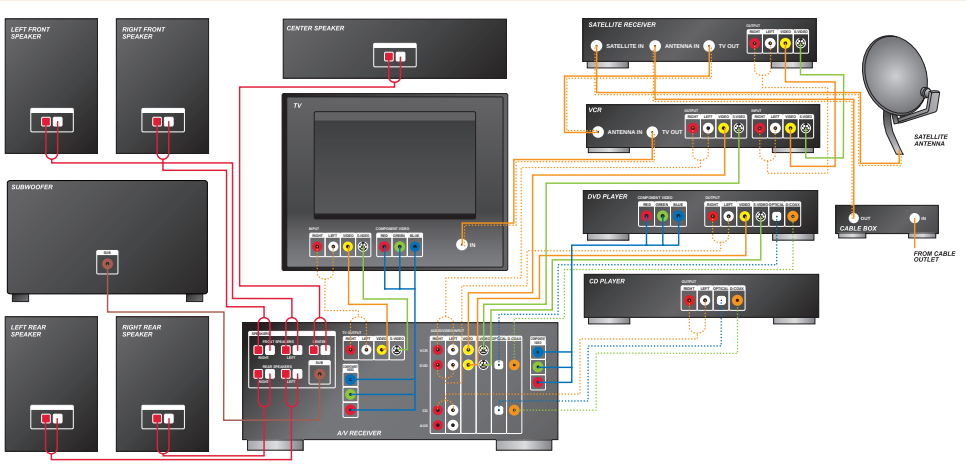
Select the level of connection(s) you prefer (best, better, good) to create a video and audio connection between each component. This hook-up guide represents virtually all possible audio and video connections, utilizing different performance cables. You will need one audio and video connection between components. Choose your connections based on desired performance of your home theater.

BEST CONNECTIONS
- COMPONENT VIDEO CABLE
- DIGITAL OPTICAL AUDIO CABLE

BETTER CONNECTIONS
- S-VIDEO CABLE
- DIGITAL COAX AUDIO CABLE

GOOD CONNECTIONS
- COAXIAL CABLE (RG6 Quad)
- COMPOSITE VIDEO
- STEREO AUDIO CABLE

SPECIALTY
- SUBWOOFER CABLE
- SPEAKER WIRE



VIDEO — BEST

COMPONENT VIDEO
Carries video signal over three discreet paths for best picture quality.

APC90	3 ft. (0.9 m)
APC91	6 ft. (1.8 m)
APC92	12 ft. (3.6 m)

A/V RECEIVER • TV DVD • CABLE BOX SATELLITE RECEIVER

VIDEO — BETTER

S-VIDEO
Carries video signal on two separate paths for sharper picture.

APC20	3 ft. (0.9 m)
APC21	6 ft. (1.8 m)
APC22	12 ft. (3.6 m)

A/V RECEIVER • TV • DVD VCR • CABLE BOX SATELLITE RECEIVER CAMCORDER

VIDEO — GOOD

COMPOSITE VIDEO
Carries video signal only for better picture quality.

APC00	3ft. (0.9 m)
APC01	6ft. (1.8 m)
APC02	12ft. (3.6 m)

A/V RECEIVER • TV • DVD VCR • CABLE BOX SATELLITE RECEIVER CAMCORDER

VIDEO — GOOD

COAXIAL
Carries both audio and video signals for the easiest A/V connection.

APC10	3 ft. (0.9 m)
APC11	6 ft. (1.8 m)
APC12	12 ft. (3.6 m)
APC13W	25 ft. (7.6 m)
APC14W	50 ft. (15.2 m)

TV • VCR • CABLE BOX SATELLITE RECEIVER

COMBO — BEST

DIGITAL OPTICAL AUDIO (TOSLINK™)/ S-VIDEO
Combo package includes both a separate video and audio connection for a full solution in each package.

APC67	6 ft. (1.8 m)
APC68	12 ft. (3.6 m)

A/V RECEIVER • DVD SATELLITE RECEIVER

BEST

COMBO — BETTER

STEREO AUDIO/ S-VIDEO
Combo package includes both a separate video and audio connection for a full solution in each package.

APC64	6 ft. (1.8 m)
APC65	12 ft. (3.6 m)

A/V RECEIVER • TV DVD • VCR SATELLITE RECEIVER CAMCORDER

BETTER

COMBO — GOOD

STEREO AUDIO/ COMPOSITE VIDEO
Combo package includes both a separate video and audio connection for a full solution in each package.

APC60	3 ft. (0.9 m)
APC61	6 ft. (1.8 m)
APC62	12 ft. (3.6 m)

A/V RECEIVER • TV DVD • VCR • MD SATELLITE RECEIVER CAMCORDER

GOOD

AUDIO — BEST

DIGITAL OPTICAL AUDIO TOSLINK™-TO-TOSLINK™
Carries digital audio signal as light for the highest sound quality. Optical corrected curved finish to improve light transfer, with wire restraint and machined, gold-plated tips.

APC80	3 ft. (0.9 m)
APC81	6 ft. (1.8 m)
APC82	12 ft. (3.6 m)

A/V RECEIVER • DVD CD • SATELLITE RECEIVER

BEST

AUDIO — BETTER

DIGITAL COAX AUDIO
Carries digital audio signal through oxygen-free copper center conductor with two layers of shielding for improved performance.

APC70	3 ft. (0.9 m)
APC71	6 ft. (1.8 m)
APC72	12 ft. (3.6 m)

A/V RECEIVER • DVD CD • SATELLITE

BETTER

AUDIO — GOOD

STEREO AUDIO
Carries audio signal only for best sound quality.

APC30	3 ft. (0.9 m)
APC31	6 ft. (1.8 m)
APC32	12 ft. (3.6 m)

A/V RECEIVER • TV VCR • CD • TAPE SATELLITE RECEIVER CAMCORDER

GOOD

AUDIO

SUBWOOFER
Carries audio signal to the subwoofer with minimal loss.

APC52	15 ft. (4.6 m)
APC53	25 ft. (7.6 m)

A/V RECEIVER • SUBWOOFER

LIMITED LIFETIME WARRANTY Audiovox Electronics Corporation (the "Company") warrants to you the original retail purchaser of this product that should it, under normal use and conditions, be proven defective in material or workmanship during its lifetime while you own it, such defect(s) will be repaired or replaced (at the Company's option) without charge for parts and repair labor. To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to the Company at the address shown below. Do not return this product to the Retailer.

This Warranty does not cover product purchased, serviced or used outside the United States or Canada. This Warranty is not transferable and does not extend to costs incurred for installation, removal or reinstallation of the product. This Warranty does not apply if in the Company's opinion, the product has been damaged through alteration, improper installation, mishandling, misuse, neglect, or accident. THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT. This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED TO DURATION OF THIS WARRANTY. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES WHATSOEVER. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product. Some states/provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state/province to state/province.

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CANADA: Audiovox Return Center, c/o Genco, 6685 Kennedy Road, Unit #3 Door 16, Mississauga Ontario, L5T 3A5.

SPECIALTY

CONNECTORS

AP316 — RCA type female to female couplers

Connects two cables together.

AP306 — Speaker Pins 2 pairs

AP307 — Set screw banana pins 2 pairs

Provides clean termination ends for speaker cable connections. Accommodates all cable gauges and types in the AR Performance Series.

SPECIALTY

VIDEO SPLITTERS
High quality solid-state circuit board design with power pass provides video signals to more than one TV.

APC230	2 way Splitter – allows hookup of 1 additional TV
APC231	3 way Splitter – allows hookup of 2 additional TVs
APC232	4 way Splitter – allows of 3 additional TVs

SPECIALTY

AUDIO RCA "Y" ADAPTER/CABLE
Audio RCA "Y" adapter cable splits or combines audio signals.

APC40	1 Female to 2 Male
APC41	1 Male to 2 Female
APC42	2 Male to 1 Mini 3 ft. (0.9 m)

A/V RECEIVER • TV VCR • SUBWOOFER CAMCORDER

SPECIALTY

OXYGEN-FREE COPPER SPEAKER CABLE
For speaker connections in which highest performance is desired. Also excellent for longer than average hookups.

AP1630	30 ft. (9.1 m)
AP1650	50 ft. (15.2 m)
AP16100	100 ft. (30.5 m)
AP1650W	50 ft. (15.2 m)
AP16100W	100 ft. (30.5 m)

Carefully strip insulation to expose wire. Check polarity for proper phasing before connecting. AP1630 comes with pins attached.

Specifications and features subject to change without notice.
Product may vary from that shown. Performance is device and signal source dependent.
Consult your component instruction manual for more information.
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